

Thursday, March 20, 1997
POSTER SESSION II
6:30 p.m. LPI

MOST METEORITES

Bridges J. C. Franchi I. A. Hutchison R. Sexton A. S. Pilling C. T.
Mineralogical and Oxygen Isotopic Constraints on the Formation of Chainpur (LL3) and Parnallee (LL3) Chondrules

Kuebler K. E. McSween H. Y. Jr. Carlson W. D.
Size Distributions and the Mass Equivalence of Chondrules and Metal Grains in Bjurbbole

Russell P. Lofgren G. E.
Chondrule Precursor Aggregates in UOC's: Petrography and History

Ruzicka A. Snyder G. A. Taylor L. A.
Large Chondrules and Lithic Clasts in Julesberg (L3) and Other Ordinary Chondrites: Bulk-Chemical Characterization

Dikov Yu. P. Gerasimov M. V. Wlotzka F. Yakovlev O. I.
High-Temperature Vaporization of Meteorites

Paque J. M. Le L. Lofgren G. E.
An Experimental Study on the Effects of Repeated Heating Events on a CAI Bulk Composition

Ito M. Yurimoto H. Morioka M. Nagasawa H.
REE Diffusivities in Melilite; a Preliminary Study by SIMS-Depth Profile Method

Hiroi T. Zolensky M. E. Pieters C. M.
Characterization of Unusual CI/CM/CR Meteorites from Reflectance Spectroscopy

Krol E. A. Lang B.
Magnetic Hysteresis Parameters for Two Antarctic (Yamato-82050, Yamato-791717) and Two Africane (Acer-059, Acer-202) Carbonaceous Chondrites

Hanowski N. P. Brearley A. J.
Parent Body Alteration of Large Metal Inclusions in the CM Carbonaceous Chondrite, Murray

Hua X. Buseck P. R.
Magnetite in Carbonaceous Chondrites

Biryukov V. V. Korotaeva N. N. Gouseva E. V. Krot A. N. Ulyanov A. A.
Dark Inclusions in the CV3 Carbonaceous Chondrite Efremovka: Textural and Mineralogical Observations

Brearley A. J.
Contrasting Microstructures of Fayalitic Olivine in Matrix and Chondrules in the Allende CV3 Chondrite

Guan Y. Zolensky M. E.
The D/H Ratios of Round Phyllosilicate and Glass Spherules in the Al Rais (CR) Chondrite

Akrige J. M. C. Benoit P. H. Sears D. W. G.
Fusion Crust and the Measurement of Surface Ages of Antarctic Ordinary Chondrites

Wasilewski P. J. Dickinson T. L. Connerney J. E. Funaki M.
Magnetic Signatures of Large Meteorites

Yurimoto H. Kuramoto K.
Si Fractionation of Chondrite Parent Bodies by Bipolar Outflow

Lukács B. Bérczi Sz.
Statistical Analysis of the NIPR (Japan) Antarctic Chondrites: Paths of Thermal Evolution of Parent Bodies?

Bérçzi Sz. Lukács B.
Wilk's Double Line Reanalysed

Benoit P. H. Akridge J. M. C. Sears D. W. G. Pillinger C. I. Bland P. A.
The Weathering of Antarctic Meteorites: Climatic Controls on Weathering Rates and Implications for Meteorite Accumulation

Sharp T. G. Chen M. El Goresy A.
Mineralogy and Microstructures of Shock-Induced Melt Veins in the Tenham (L6) Chondrite

Grier J. A. Swindle T. D. Kring D. A.
⁴⁰Ar/³⁹Ar Analyses of Orvinio (H6): Further Lessons on Incomplete Degassing of Impact Melt Breccias

Zinovieva N. G. Mitreikina O. B. Granovsky L. B.
Unusual Phosphate in Hercynite-Kamacite Objects in the Yamato-82133 Ordinary Chondrite (H3)

Reid A. M.
Olivine and Pyroxene Compositions in LL6 Chondrites from Antarctica

Nehru C. E. Weisberg M. K. Prinz M.
Chromites in Unequilibrated Ordinary Chondrites

Weisberg M. K. Fogel R. A. Prinz M.
Kamacite-Enstatite Intergrowths in Enstatite Chondrites

Lin Y. Kimura M.
Thermal Histories and Parent Body(ies) of EH Chondrites: Evidences from New Highly Equilibrated EHs (Y793225, 82189, 8404, 8414 and 86004)

Rooke G. P. Franchi I. A. Verchovsky A. B. Grady M. M. Pillinger C. T.
Isotopically Heavy Nitrogen in the Bencubbin Breccia: A Lonely Anomaly

Meshik A. Hohenberg C. Kehm K. Swan P. Dymkov Yu.
Chemically Fractionated Fission (CFF) Xe (Zone 13 of Oklo): Implications for the Origin of Terrestrial Xenon

Ocker K. Thonnard N.
The Path to Krypton and Xenon Isotope Measurements from Few-Micron-Sized Samples

Britt D. T. Consolmagno G. J.
The Porosity of Meteorites and Asteroids: Results from the Vatican Collection of Meteorites

Ulff-Møller F. Tran J. Choi B.-G. Haag R. Rubin A. E. Wasson J. T.
Esquel: Implications for Pallasite Formation Processes Based on the Petrography of a Large Slab

Petaev M. I. Marvin U. B.
Mineralogy and Origin of Brassy, Sulfide-rich Masses in the Gibeon Iva Iron

Budka P. Z. Viertl J. R. M. Thamboo S. V. LaRose R. E.
Mundrabilla's Anomalous Macrostructural Features Revealed as Microgravity Cast Structures Based on Classical Solidification Principles

Killgore B. M.
Imilac Strewnfield, Chile, Revisited

Petaev M. I. Marvin U. B. Killgore M.
Mineralogy of Sulfide-bearing Vugs in the Gibeon Iva Iron

Zipfel J. Hutcheon I. D. Marti K.
Carbon Isotopic Composition of Graphite Grains in the El Taco IAB Iron Meteorite